Release notes for ENDF/B Development n-034_Se_076 evaluation



April 26, 2017

- checkr Warnings:
 - 1. A previous error halted parsing of the current section $MAT=3431,\ MF=1,\ MT=451\ (1)$: Parsing stopped

ERROR(S) FOUND IN MAT=3431, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 240 TO 326

- checkr Errors:
 - 1. A variable is outside the allowed ENDF range MAT=3431, MF=1, MT=451 (0): Variable range

ERROR(S) FOUND IN MAT=3431, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 240

2. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=2, MT=151 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 328

3. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=1 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 428

4. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=2 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 462

Mission a section in directory so your directory is reased up. This amon will be

5. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=4 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 496

6. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 518

7. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 17 SECTION 3/ 17 NOT IN DIRECTORY

RECORD NUMBER 52

8. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 22 SECTION 3/ 22 NOT IN DIRECTORY

RECORD NUMBER 532

9. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 28 SECTION 3/ 28 NOT IN DIRECTORY

RECORD NUMBER 545

10. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 51 SECTION 3/ 51 NOT IN DIRECTORY

RECORD NUMBER 556

11. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 52 SECTION 3/ 52 NOT IN DIRECTORY

RECORD NUMBER 578

12. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=53 (0): Directory (b)

0, 111 00 (0), 121 00 (0), 121, 0000

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 53 SECTION 3/ 53 NOT IN DIRECTORY

RECORD NUMBER 598

13. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 54 SECTION 3/54 NOT IN DIRECTORY

RECORD NUMBER 618

14. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=55 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 55

SECTION 3/55 NOT IN DIRECTORY

RECORD NUMBER 637

15. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 56 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 56 SECTION 3/ 56 NOT IN DIRECTORY

RECORD NUMBER 655

16. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 57 SECTION 3/ 57 NOT IN DIRECTORY

RECORD NUMBER 673

17. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 58 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 58 SECTION 3/ 58 NOT IN DIRECTORY

RECORD NUMBER 690

18. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 59 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 59 SECTION 3/ 59 NOT IN DIRECTORY

RECORD NUMBER 707

19. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 60 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 60 SECTION 3/ 60 NOT IN DIRECTORY

RECORD NUMBER 723

20. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=61 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 61

SECTION 3/ 61 NOT IN DIRECTORY

RECORD NUMBER 739

21. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 62 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 62 SECTION 3/ 62 NOT IN DIRECTORY

RECORD NUMBER 755

22. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=63 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 63 SECTION 3/ 63 NOT IN DIRECTORY

RECORD NUMBER 770

23. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=64 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 64 SECTION 3/ 64 NOT IN DIRECTORY

RECORD NUMBER 785

24. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 65 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 65 SECTION 3/ 65 NOT IN DIRECTORY

RECORD NUMBER 800

25. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 66 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 66 SECTION 3/ 66 NOT IN DIRECTORY

RECORD NUMBER 814

26. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 67 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 67 SECTION 3/ 67 NOT IN DIRECTORY

RECORD NUMBER 828

27. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 68

SECTION 3/ 68 NOT IN DIRECTORY

RECORD NUMBER 842

28. Missing a section in directory so your directory is messed up. This error will break everything also

erything else MAT=3431, MF=3, MT=69 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 69 SECTION 3/ 69 NOT IN DIRECTORY

RECORD NUMBER 855

29. Missing a section in directory so your directory is messed up. This error will break everything else

MAT=3431, MF=3, MT=70 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 70 SECTION 3/ 70 NOT IN DIRECTORY

RECORD NUMBER 868

30. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=71 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 71 SECTION 3/ 71 NOT IN DIRECTORY

RECORD NUMBER 881

31. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=3, MT=72 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 72 SECTION 3/ 72 NOT IN DIRECTORY

RECORD NUMBER

32. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 73 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 73 SECTION 3/73 NOT IN DIRECTORY

RECORD NUMBER 905

33. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 74 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 74 SECTION 3/ 74 NOT IN DIRECTORY

RECORD NUMBER 917

34. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 75 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 75 SECTION 3/ 75 NOT IN DIRECTORY

RECORD NUMBER 928

35. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 76 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 76 SECTION 3/ 76 NOT IN DIRECTORY

RECORD NUMBER

36. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3431, MF = 3, MT = 77 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 77

SECTION 3/ 77 NOT IN DIRECTORY

RECORD NUMBER

950

37. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 78 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 78 SECTION 3/ 78 NOT IN DIRECTORY

RECORD NUMBER 960

38. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3431, MF = 3, MT = 79 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 79 SECTION 3/79 NOT IN DIRECTORY

RECORD NUMBER 970

39. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3431, MF = 3, MT = 91 (0): Directory (b)

5

ERROR(S) FOUND IN MAT=3431, MF= 3, MT= 91 SECTION 3/ 91 NOT IN DIRECTORY

RECORD NUMBER

40. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 102 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=102 SECTION 3/102 NOT IN DIRECTORY

RECORD NUMBER 989

41. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 103 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=103 SECTION 3/103 NOT IN DIRECTORY

RECORD NUMBER 1016

42. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 104 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=104 SECTION 3/104 NOT IN DIRECTORY

RECORD NUMBER 1030

43. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 105 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=105 SECTION 3/105 NOT IN DIRECTORY

RECORD NUMBER 1042

44. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 106 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=106 SECTION 3/106 NOT IN DIRECTORY

RECORD NUMBER 1051

45. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 3, MT = 107 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=107 SECTION 3/107 NOT IN DIRECTORY

RECORD NUMBER 1062

46. Missing a section in directory so your directory is messed up. This error will break everything else MAT = 3431, MF = 3, MT = 111 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 3, MT=111 SECTION 3/111 NOT IN DIRECTORY

RECORD NUMBER 1078

47. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 2 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 2 SECTION 4/ 2 NOT IN DIRECTORY

RECORD NUMBER 1089

48. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 16 SECTION 4/ 16 NOT IN DIRECTORY

RECORD NUMBER 1315

49. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 17 SECTION 4/ 17 NOT IN DIRECTORY

RECORD NUMBER 1326

50. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 22 SECTION 4/ 22 NOT IN DIRECTORY

RECORD NUMBER 1337

51. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 28 SECTION 4/ 28 NOT IN DIRECTORY

RECORD NUMBER 1348

52. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 51 SECTION 4/ 51 NOT IN DIRECTORY

RECORD NUMBER 1359

53. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 52 SECTION 4/ 52 NOT IN DIRECTORY

RECORD NUMBER 1384

54. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 53 SECTION 4/ 53 NOT IN DIRECTORY

RECORD NUMBER 1407

55. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 54 SECTION 4/ 54 NOT IN DIRECTORY

RECORD NUMBER 1430

56. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 55 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 55 SECTION 4/ 55 NOT IN DIRECTORY

RECORD NUMBER 1453

57. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 56 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 56 SECTION 4/ 56 NOT IN DIRECTORY

RECORD NUMBER 1476

58. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 57 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 57 SECTION 4/ 57 NOT IN DIRECTORY

RECORD NUMBER 1499

59. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 58 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 58 SECTION 4/ 58 NOT IN DIRECTORY

RECORD NUMBER 1522

60. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=59 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 59

SECTION 4/59 NOT IN DIRECTORY

RECORD NUMBER 1545

61. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=60 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 60 SECTION 4/ 60 NOT IN DIRECTORY

RECORD NUMBER 1568

62. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=61 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 61 SECTION 4/ 61 NOT IN DIRECTORY

RECORD NUMBER 1591

63. Missing a section in directory so your directory is messed up. This error will break everything else

MAT=3431, MF= 4, MT= 62 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 62 SECTION 4/ 62 NOT IN DIRECTORY

RECORD NUMBER 1614

64. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 63 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 63 SECTION 4/ 63 NOT IN DIRECTORY

RECORD NUMBER 1637

65. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=64 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 64

SECTION 4/64 NOT IN DIRECTORY

RECORD NUMBER 1660

66. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 65 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 65 SECTION 4/ 65 NOT IN DIRECTORY

RECORD NUMBER 1683

67. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=66 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 66 SECTION 4/ 66 NOT IN DIRECTORY

RECORD NUMBER 1706

68. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=67 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 67 SECTION 4/ 67 NOT IN DIRECTORY

RECORD NUMBER 1729

69. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=68 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 68 SECTION 4/ 68 NOT IN DIRECTORY

RECORD NUMBER 1752

70. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=69 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 69 SECTION 4/ 69 NOT IN DIRECTORY

RECORD NUMBER 1775

71. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=70 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 70 SECTION 4/ 70 NOT IN DIRECTORY

RECORD NUMBER 1798

72. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 71 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 71 SECTION 4/ 71 NOT IN DIRECTORY

RECORD NUMBER 1821

73. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 72 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 72 SECTION 4/ 72 NOT IN DIRECTORY

RECORD NUMBER 1844

74. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 73 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 73 SECTION 4/ 73 NOT IN DIRECTORY

RECORD NUMBER 1867

75. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=74 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 74

SECTION 4/ 74 NOT IN DIRECTORY

RECORD NUMBER 1890

76. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=75 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 75 SECTION 4/ 75 NOT IN DIRECTORY

RECORD NUMBER 1913

77. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=76 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 76 SECTION 4/ 76 NOT IN DIRECTORY

RECORD NUMBER 1936

78. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=77 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 77 SECTION 4/ 77 NOT IN DIRECTORY

RECORD NUMBER 1959

79. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=4, MT=78 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 78 SECTION 4/ 78 NOT IN DIRECTORY

RECORD NUMBER 1982

80. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 79 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 79 SECTION 4/ 79 NOT IN DIRECTORY

RECORD NUMBER 2005

81. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 4, MT = 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 4, MT= 91 SECTION 4/ 91 NOT IN DIRECTORY

RECORD NUMBER 2028

82. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 5, MT = 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 5, MT= 16 SECTION 5/ 16 NOT IN DIRECTORY

RECORD NUMBER 2052

83. Missing a section in directory so your directory is messed up. This error will break everything else

 $MAT = \bar{3}431, MF = 5, MT = 17 (0): Directory (b)$

ERROR(S) FOUND IN MAT=3431, MF= 5, MT= 17 SECTION 5/ 17 NOT IN DIRECTORY

RECORD NUMBER 2098

84. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=5, MT=22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 5, MT= 22 SECTION 5/ 22 NOT IN DIRECTORY

RECORD NUMBER 2112

85. Missing a section in directory so your directory is messed up. This error will break everything else

MAT = 3431, MF = 5, MT = 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 5, MT= 28 SECTION 5/ 28 NOT IN DIRECTORY

RECORD NUMBER 2266

86. Missing a section in directory so your directory is messed up. This error will break everything else MAT=3431, MF=5, MT=91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3431, MF= 5, MT= 91 SECTION 5/ 91 NOT IN DIRECTORY

RECORD NUMBER 2349

- recent Warnings:
 - 1. Statistical weight of certain L values were incorrect 0: RRR goof (a)

• groupie Errors:

1. Very small elastic cross section found 0: Small elastic

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Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)

ENDF/B Input and Output Data Filenames
ENDFB.IN
ENDFB.OUT
... [97 more lines]
```

• fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination resonances / resolved (Error # 1): missingResonanceChannel

```
WARNING: Missing a channel with angular momenta combination L=0, J=1.5 and S=1.5 for "capture" WARNING: Missing a channel with angular momenta combination L=1, J=0.5 and S=1.5 for "capture" WARNING: Missing a channel with angular momenta combination L=1, J=1.5 and S=0.5 for "capture" WARNING: Missing a channel with angular momenta combination L=1, J=1.5 and S=1.5 for "capture" ... plus 1 more instances of this message
```

2. Cross section does not match sum of linked reaction cross sections crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.20%

• fudge-4.0 Errors:

1. The spin statistical weights are off, indicating missing channels resonances / resolved / MultiLevel_BreitWigner (Error # 0): badSpinStatisticalWeights

WARNING: The spin statical weights for L=1 sums to 1.0, but should sum to 3.0. You have too few channels for re

2. Calculated and tabulated Q values disagree. reaction label 31: n[multiplicity: '2'] + Se75 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11183583.4196167 eV vs -1.11663e7 eV!

3. Calculated and tabulated Q values disagree. reaction label 32: n[multiplicity:'3'] + Se74 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -19211183.97045898 eV vs -1.91987e7 eV!

4. Calculated and tabulated Q values disagree. reaction label 33: n + H1 + As75 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9537844.263626099 eV vs -9518930. eV!

5. Calculated and tabulated Q values disagree. reaction label 34: Se77 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7389626.800933838 eV vs 7418390. eV!

6. Calculated and tabulated Q values disagree. reaction label 35: n + He4 + Ge72 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -5120288.778457642 eV vs -5098490. eV!

7. Calculated and tabulated Q values disagree.
reaction label 36: H1[multiplicity:'2'] + Ge75 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9931480.914367676 eV vs -9914270. eV!

8. Calculated and tabulated Q values disagree. reaction label 37: H1 + As76-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2209433.390884399 eV vs -2186140. eV!

9. Calculated and tabulated Q values disagree. reaction label 38: H2 + As75_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7313278.162689209 eV vs -7208810. eV!

10. Calculated and tabulated Q values disagree. reaction label 39: $H3 + As74_{-}s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11299806.10884094 eV vs -1.1274e7 eV!

11. Calculated and tabulated Q values disagree. reaction label 40: He3 + Ge74_s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8718744.595748901 eV vs -8692920. eV!

12. Calculated and tabulated Q values disagree. reaction label 41: $He4 + Ge73_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1662651.289794922 eV vs 1688510. eV!

• njoy2012 Warnings:

1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

groupr...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 16 only mf4/mf5 provided

2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

groupr...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)

- ---message from conver---cannot do complete particle production for mt= 17 only mf4/mf5 provided
- 3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to good evaluators to improve things!

groupr...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)

- ---message from conver---cannot do complete particle production for mt= 22 only mf4/mf5 provided
- 4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to good evaluators to improve things!
 - groupr...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)
 - ---message from conver---cannot do complete particle production for mt= 28 only mf4/mf5 provided
- 5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!

 groupr...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 91 only mf4/mf5 provided